

RSVP Level 3 Material/Labor Cost plus Contingency Roll-up (AY\$)

	System Name	Material Costs	Labor Costs	Base Cost	Contingency %	Contingency Costs	Total Cost
1	RSVP	\$106,697,473	\$86,330,960	\$193,028,433	23.9%	\$46,101,854	\$239,130,287
1.1	RSVP Project Management	\$4,629,238	\$14,832,888	\$19,462,125	11.0%	\$2,140,834	\$21,602,959
1.1.1	RSVP Project Management - Columbia	\$2,596,889	\$7,402,293	\$9,999,183	11.0%	\$1,099,910	\$11,099,093
1.1.2	RSVP Management - BNL	\$2,032,348	\$7,430,595	\$9,462,943	11.0%	\$1,040,924	\$10,503,867
1.2	Kopio	\$33,985,067	\$23,073,443	\$57,058,509	28.3%	\$16,103,068	\$73,161,578
1.2.1	Vacuum	\$2,175,475	\$1,267,208	\$3,442,683	24.8%	\$855,162	\$4,297,845
1.2.2	Preradiator	\$12,899,859	\$5,340,163	\$18,240,022	30.9%	\$5,637,991	\$23,878,013
1.2.3	Calorimeter	\$3,438,379	\$2,293,602	\$5,731,981	20.1%	\$1,153,848	\$6,885,829
1.2.4	Charged Particle Veto	\$1,480,002	\$1,308,202	\$2,788,205	27.1%	\$756,440	\$3,544,645
1.2.5	Photon Veto	\$4,624,802	\$3,076,495	\$7,701,297	34.5%	\$2,659,258	\$10,360,555
1.2.6	Catcher	\$3,211,586	\$156,800	\$3,368,385	20.9%	\$705,003	\$4,073,389
1.2.7	Trigger	\$957,727	\$1,830,020	\$2,787,747	52.2%	\$1,455,204	\$4,242,951
1.2.8	DAQ	\$2,113,758	\$759,682	\$2,873,440	35.5%	\$1,020,933	\$3,894,373
1.2.9	Off-line Computing	\$655,479	\$194,973	\$850,453	8.4%	\$71,608	\$922,061
1.2.10	Detector Systems	\$2,013,235	\$4,539,887	\$6,553,122	23.1%	\$1,511,150	\$8,064,272
1.2.11	Project Services	\$414,765	\$2,306,409	\$2,721,174	10.2%	\$276,471	\$2,997,645
1.3	MECO Detector	\$13,889,070	\$9,449,522	\$23,338,592	23.8%	\$5,556,021	\$28,894,613
1.3.1	Extinction	\$1,139,518	\$659,416	\$1,798,934	27.8%	\$500,104	\$2,299,038
1.3.2	Production Target and Shield	\$2,619,198	\$237,241	\$2,856,439	29.5%	\$841,221	\$3,697,660
1.3.3	Muon Beamline	\$1,305,757	\$1,377,291	\$2,683,048	33.1%	\$888,625	\$3,571,673
1.3.4	Straw Tracker	\$2,409,138	\$1,080,319	\$3,489,457	24.3%	\$848,636	\$4,338,093
1.3.5	Electron Calorimeter	\$3,687,911	\$1,277,973	\$4,965,884	24.3%	\$1,208,696	\$6,174,580
1.3.6	Cosmic Ray Shield	\$1,060,371	\$334,065	\$1,394,436	14.8%	\$206,795	\$1,601,231
1.3.7	Trigger and DAQ	\$954,862	\$619,982	\$1,574,844	29.2%	\$459,854	\$2,034,698
1.3.8	Simulations and Offline Analysis	\$154,710	\$121,560	\$276,270	21.7%	\$59,812	\$336,082
1.3.9	Integration and Installation	\$136,262	\$1,372,149	\$1,508,412	11.6%	\$175,277	\$1,683,689
1.3.10	Project Office	\$421,343	\$2,369,525	\$2,790,868	13.2%	\$366,999	\$3,157,867
1.4	AGS	\$16,221,550	\$25,778,599	\$42,000,149	24.4%	\$10,226,656	\$52,226,805
1.4.1	Booster/AGS Modifications	\$8,771,601	\$10,600,955	\$19,372,556	24.9%	\$4,817,955	\$24,190,511
1.4.2	Switchyard	\$984,621	\$2,049,904	\$3,034,525	20.5%	\$621,167	\$3,655,693
1.4.3	KOPIO	\$4,180,381	\$4,399,206	\$8,579,586	27.2%	\$2,331,074	\$10,910,660
1.4.4	MECO	\$2,133,303	\$6,297,409	\$8,430,712	23.0%	\$1,939,907	\$10,370,619
1.4.5	AGS Project Office	\$151,644	\$2,431,125	\$2,582,769	20.0%	\$516,554	\$3,099,323
1.5	MECO Magnet	\$37,972,549	\$13,196,509	\$51,169,058	23.6%	\$12,075,274	\$63,244,332
1.5.1	Magnet System Final Design	\$1,583,223	\$4,575,655	\$6,158,879	21.2%	\$1,305,682	\$7,464,561
1.5.2	Magnet System Fabrication	\$35,857,144	\$5,867,045	\$41,724,189	23.5%	\$9,792,667	\$51,516,857
1.5.3	Magnet System Installation	\$532,181	\$2,753,809	\$3,285,990	29.7%	\$976,925	\$4,262,915